

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B05B11/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|--------------|--|---------------------------------|
| P, X P, A | WO 03/097250 A (GENOSAR AMIR) 27 November 2003 (2003-11-27) the whole document | 1-3, 5, 6, 8-15, 18 4, 16 |
| X | US 4 795 063 A (NOGUCHI KAZUYA ET AL) 3 January 1989 (1989-01-03) the whole document | 1-6, 8, 10, 11, 18 |
| X | US 4 982 751 A (OISHI YOSHIHIRO ET AL) 8 January 1991 (1991-01-08) column 4, line 9 - column 5, line 15; figures 1-6 | 1-3, 6, 8, 10, 18 |
| X | WO 02/16047 A (ABERGEL ALINE ; GARCIA FIRMIN (FR); VALOIS SA (FR)) 28 February 2002 (2002-02-28) page 4, line 24 - page 7, line 31; figures 1, 2 | 1-3, 6, 8, 10, 18 |

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

3 June 2004

Date of mailing of the international search report

05/07/2004

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INTERNATIONAL SEARCH REPORT

International Application No

CT/IL2004/000145

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|----------------------------|
| X | GB 2 083 142 A (PFEIFFER KUNSTSTOFFTECH GMBH) 17 March 1982 (1982-03-17) page 2, line 47 - line 86 page 3, line 80 - line 114; figures 6,7 ----- | 1,2,5,6, 8,10,11, 18 |
| A | US 6 460 781 B1 (ABERGEL ALINE ET AL) 8 October 2002 (2002-10-08) column 4, line 62 - column 5, line 15; figures 1a,2a ----- | 7 |
| A | US 6 299 023 B1 (ARNONE MILES) 9 October 2001 (2001-10-09) column 14, line 7 - line 16; figure 1 ----- | 12 |
| A | US 5 950 871 A (LAMBOUX JEAN-PHILIPPE ET AL) 14 September 1999 (1999-09-14) column 8, line 61 - column 9, line 14; figure 10 ----- | 19 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

CT/IL2004/000145

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|----|---------------------|----------------------------|---------------------|
| WO 03097250 | A | 27-11-2003 | WO 03097250 A1 | 27-11-2003 |
| US 4795063 | A | 03-01-1989 | JP 62125768 U | 10-08-1987 |
| | | | JP 62139971 U | 03-09-1987 |
| | | | JP 62093914 U | 16-06-1987 |
| | | | DE 3640669 A1 | 04-06-1987 |
| | | | FR 2590809 A1 | 05-06-1987 |
| | | | GB 2184493 A ,B | 24-06-1987 |
| | | | KR 9310818 B1 | 12-11-1993 |
| US 4982751 | A | 08-01-1991 | FR 2652726 A1 | 12-04-1991 |
| WO 0216047 | A | 28-02-2002 | FR 2813283 A1 | 01-03-2002 |
| | | | BR 0113387 A | 29-07-2003 |
| | | | CN 1449309 T | 15-10-2003 |
| | | | EP 1313568 A1 | 28-05-2003 |
| | | | WO 0216047 A1 | 28-02-2002 |
| | | | JP 2004506511 T | 04-03-2004 |
| | | | US 2004011820 A1 | 22-01-2004 |
| GB 2083142 | A | 17-03-1982 | DE 3033392 A1 | 29-04-1982 |
| | | | CH 652372 A5 | 15-11-1985 |
| | | | FR 2489791 A1 | 12-03-1982 |
| US 6460781 | B1 | 08-10-2002 | FR 2778639 A1 | 19-11-1999 |
| | | | AU 3714699 A | 06-12-1999 |
| | | | BR 9910440 A | 02-01-2001 |
| | | | CN 1301229 T | 27-06-2001 |
| | | | DE 69902467 D1 | 12-09-2002 |
| | | | DE 69902467 T2 | 10-04-2003 |
| | | | EP 1080017 A1 | 07-03-2001 |
| | | | ES 2181421 T3 | 16-02-2003 |
| | | | WO 9959881 A1 | 25-11-1999 |
| | | | JP 2002515381 T | 28-05-2002 |
| | | | US 2003015605 A1 | 23-01-2003 |
| US 6299023 | B1 | 09-10-2001 | NONE | |
| US 5950871 | A | 14-09-1999 | CN 1304779 A | 25-07-2001 |
| | | | DE 69720107 D1 | 30-04-2003 |
| | | | DE 69720107 T2 | 27-11-2003 |
| | | | EP 0812626 A2 | 17-12-1997 |
| | | | ES 2195096 T3 | 01-12-2003 |
| | | | US 6021930 A | 08-02-2000 |